

Federal Regulatory



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January 11, 2002

## Ex Parte

Ms. Magalie Roman Salas  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> St., S.W. – Portals  
Washington, DC 20554

RE: Application by Verizon-New England Inc. for Authorization To Provide In-Region,  
InterLATA Services in State of Rhode Island, Docket No. 01-324

Dear Ms. Salas:

This letter responds to questions from staff concerning the Loop Make-up ("LMU") pre-order transaction that Verizon implemented in October 2001 to provide CLECs with access to the limited loop make-up information available in LFACS. We also provide a corrected citation concerning manual loop qualification performance.

Staff has asked how quickly responses to a LMU transaction are provided to CLECs. There are no performance measurements or standards for this transaction in the Carrier-to-Carrier Guidelines for Rhode Island, Massachusetts, or other former Bell Atlantic states. Verizon conducted a special study of Loop Make-Up transaction performance for the months of November and December of 2001. During this time period, there were no LMU transactions executed by CLECs using CORBA in any of the former Bell Atlantic service areas, and there were no LMU transactions executed by CLECs in Rhode Island on any interface. For November and December 2001 across the former Bell Atlantic footprint, there were 12 LMU transactions executed by CLECs using the EDI interface with an average response time of 13.16 seconds. During the same period, there was a total of 544 LMU transactions executed by CLECs using the Web GUI interface with an average response time of 15.06 seconds. There is no equivalent retail transaction performance measurement.

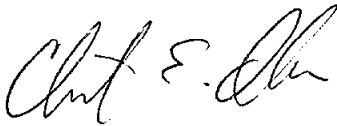
Staff also asked whether the responses Verizon provides to the Loop Make-Up transaction are parsed. The data returned in response to a LMU transaction are "parsed" into as many as 47 different fields, depending on the data available in LFACS for the requested service address or telephone number. The business rules provided to the CLECs list and describe the 47 fields. Attachment A provides the current business rules for the Loop Make Up transaction (the draft

business rules that were provided to CLECs along with the Change Management announcement of the development of this transaction were Attachment 3 to the McLean/Wierzbicki Declaration). These business rules are the same for all the pre-order interfaces, Web GUI, EDI, and CORBA. Attachment B provides examples of screen prints from two Web GUI Loop Make Up transactions in Rhode Island which illustrate the different fields populated with Loop Make Up data. For Loop Make Up transactions performed using EDI or CORBA, the data are also returned in different fields.

Finally, the McLean/Wierzbicki Declaration discussed the timeliness of Verizon's responses to requests for manual loop qualification. *See* McLean/Wierzbicki Decl. ¶ 48. That paragraph incorrectly references Attachment 1 of the Guerard/Canny/Abesamis Declaration. The correct cite should be Attachment 4 of the Guerard/Canny/Abesamis Declaration, which demonstrates that Verizon responds to manual loop qualification requests in a timely manner.

Please let me know if you have any questions. The twenty-page limit does not apply as set forth in DA 01-2746.

Sincerely,

A handwritten signature in cursive script, appearing to read "Clint E. Odom".

Clint E. Odom

Attachment

cc: J. Veach  
J. Stanley  
G. Remondino

## Loop Makeup (Query)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

This transaction allows the external user to determine loop make-up criteria prior to placing an order. The minimum requirement for a loop make-up inquiry is the designation of location. Either a valid service address or working telephone number may designate location. It is recommended to use service address for loop make-up inquiries. Due to the impact of number portability and number pooling, the WTN field should be the last resort for these query types. When the telephone number is CLEC-owned or has been location ported, the CLEC should validate using service address fields. In the case where it is a CLEC-owned switch, Verizon does not have inventory of the CLEC telephone number, therefore the address should be used.

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
2	INQNUM	Inquiry Number	16	AN	Required		1,1		Identifies the customer provided tracking number to link the inquiry with the response. <b>Field Notes</b> The INQNUM may be reused after a predetermined time. This field may be used for inquiry and response transactions.

3	D/TSNT	Date and Time Sent	*15	AN	Required		1,1	
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Identifies the date and time the transaction is sent.

### Valid Entry Notes

Date includes century: CCYYMMDD

Time is military time: HHMM (SS)

4	TXTP	Transaction Type	1	A	Required		1,1	J=Loop Make-Up	Identifies the type of transaction. <b>Valid Entry Notes</b> See Appendix 2.1, 2.3 for all valid entries.
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5	INQACT	Inquiry Activity	1	A	Required		1,1	A=New Inquiry	Identifies the inquiry activity involved in this pre-order. <b>Valid Entry Notes</b> See Appendix 2.2, 2.3.
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6	CC	Company Code	4	AN	Required		1,1	
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Identifies the Exchange Carrier generating the inquiry.

7	TOS	Type of Service	4	AN	Required		1,1	<b>1st Character (type)</b> 1= Business    OBF <input type="text"/> 2= Residence    OBF <input type="text"/> <b>2nd Character (product)</b> -= Not Applicable    OBF <input type="text"/> <b>3rd Character (class)</b> -= Not Applicable    OBF <input type="text"/> <b>4th Character</b> -= Not Applicable    OBF <input type="text"/>	Identifies the Type of Service for this inquiry. <b>Valid Entry Notes</b> The first character will be populated followed by three dashes.
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## Loop Makeup (Query)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
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10a	AHN	Assigned House Number	8	AN	Conditional		0,1		
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Used for numeric designation when house number is not used/assigned or not known.

### Usage Notes

Required when SANO and WTN and BSITE and ROUTE and BOX are not populated.

Prohibited when SANO or BSITE or WTN is populated.

### Valid Entry Notes

see Appendix 2.4.

10b	ROUTE	Route Number	6	AN	Optional		0,1		
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Identifies the route number of the service address.

### Usage Notes

Required when SANO, BSITE, WTN and AHN are not populated. Prohibited when SANO, BSITE or WTN is populated.

10c	BOX	Box Number	9	AN	Optional		0,1		
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Identifies the box number of the service address.

### Usage Notes

Required when the ROUTE field is populated, otherwise prohibited.

12	SANO	Service Address House Number	8	AN	Conditional		0,1		
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Identifies the house number of the service address.

### Usage Notes

Required when SASN is populated and WTN, AHN, BSITE, and ROUTE and BOX are not populated.

Wild card options are not available.

### Valid Entry Notes

See Appendix 2.4.

13	SASF	Service Address House Number Suffix	5	AN	Conditional		0,1		
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Identifies the suffix for the house number of the service address.

### Usage Notes

Optional if SASN is populated.

Wild card options are not available.

### Valid Entry Notes

See Appendix 2.4.

# Loop Makeup (Query)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
14	SASD	Service Address Street Directional	4	A	Conditional		0,1	E=East <input type="text"/> W=West <input type="text"/> N=North <input type="text"/> S=South <input type="text"/> NW=Northwest <input type="text"/> NE=Northeast <input type="text"/> SW=Southwest <input type="text"/> SE=Southeast <input type="text"/>	Identifies the street directional of the service address. <b>Usage Notes</b> Optional if SASN is populated. <input type="text"/> Wild card options are not available. <input type="text"/> <b>Valid Entry Notes</b> See Appendix 2.4. <input type="text"/>

15	SASN	Service Address Street Name	50	AN	Conditional		0,1
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Identifies the street name of the service address.
<b>Usage Notes</b>
Required when validating by service address, otherwise prohibited. <input type="text"/>
Required when WTN and BSITE are not populated. <input type="text"/>
Wild card options are not available. <input type="text"/>
<b>Valid Entry Notes</b>
See Appendix 2.4. <input type="text"/>

16	SATH	Service Address Street Thoroughfare	10	AN	Conditional		0,1
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Identifies the thoroughfare portion of the street name of the service address.
<b>Usage Notes</b>
Optional if SASN is populated. <input type="text"/>
Wild card options are not available. <input type="text"/>
<b>Valid Entry Notes</b>
See Appendix 2.4. <input type="text"/>

16a	CUSTUNITTYP	Unit Type	4	A	Conditional		0,1
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Unit <input type="text"/>	This field provides the unit type value of the Building
Rm <input type="text"/>	<b>Usage Notes</b>
Apt <input type="text"/>	Optional if SASN is populated. <input type="text"/>
Lot <input type="text"/>	<b>Valid Entry Notes</b>
Slip <input type="text"/>	Customer Units such as unit, lot, room, suite, slip, and apartment. <input type="text"/>
Suit <input type="text"/>	See Appendix 2.7. <input type="text"/>

## Loop Makeup (Query)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
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16b	CUSTUNITVAL	Unit Information	10	AN	Conditional		0,1		<p>Further describes the Unit type field.</p> <p><b>Usage Notes</b></p> <p>Optional if SASN is populated. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>See Appendix 2.9. <input type="text"/></p>
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16c	CUSTSTRTYP	Structure Type	4	A	Conditional		0,1	<p>Bldg <input type="text"/></p> <p>Wng <input type="text"/></p> <p>Pier <input type="text"/></p>	<p>Identifies the Structure Type of the End User Location.</p> <p><b>Valid Entry Notes</b></p> <p>See Appendix 2.9. <input type="text"/></p>
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16d	CUSTSTRVAL	Structure Information	10	AN	Conditional		0,1		<p>Further describes the structure type field.</p> <p><b>Usage Notes</b></p> <p>Optional if SASN is populated. <input type="text"/></p>
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17	SASS	Service Address Street Suffix	4	A	Conditional		0,1	<p>E=East <input type="text"/></p> <p>W=West <input type="text"/></p> <p>N=North <input type="text"/></p> <p>S=South <input type="text"/></p> <p>NW=Northwest <input type="text"/></p> <p>NE=Northeast <input type="text"/></p> <p>SW=Southwest <input type="text"/></p> <p>SE=Southeast <input type="text"/></p>	<p>Identifies the suffix of the street service address.</p> <p><b>Usage Notes</b></p> <p>Optional if SASN is populated. <input type="text"/></p> <p>Wild card options are not available. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>See Appendix 2.4. <input type="text"/></p>
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19a	BSITE	Business Site Name	60	AN	Conditional		0,1		<p>Identifies a Business Site Name</p> <p><b>Usage Notes</b></p> <p>Prohibited when WTN, SASN, AHN and ROUTE and BOX are populated. <input type="text"/></p>
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20	FLOOR	Elevation	10	AN	Conditional		0,1		<p>Identifies the floor number within the building of the street address.</p> <p><b>Usage Notes</b></p> <p>Optional if SASN is populated. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>See Appendix 2.8. <input type="text"/></p>
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# Loop Makeup (Query)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
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22	SALOC	Service Address Locality	32	AN	Conditional		0,1		
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Identifies the city or community where the service is located.

## Usage Notes

Required when any of the following fields are populated: BSITE, SASN, AHN, ROUTE, BOX.

## Valid Entry Notes

See Appendix 2.4 and 2.10.

23	SAST	Service Address State/Province	2	A	Required		1,1	NJ	<input type="text"/>	S
								VA	<input type="text"/>	S
								DC	<input type="text"/>	S
								PA	<input type="text"/>	S
								WV	<input type="text"/>	S
								DE	<input type="text"/>	S
								MD	<input type="text"/>	S
								CT	<input type="text"/>	N
								NY	<input type="text"/>	N
								MA	<input type="text"/>	N
								ME	<input type="text"/>	N
								NH	<input type="text"/>	N
								VT	<input type="text"/>	N
								RI	<input type="text"/>	N

Identifies the two character postal code for the state/province of the end user location.

## Usage Notes

Only, Greenwich and Byram portion of CT are covered by Bell Atlantic.

24	SAZC	Service Address Zip Code	12	AN	Conditional		0,1		
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Identifies the zip code or postal code of the end user location.

## Usage Notes

Optional if SASN or BSITE is populated.

5 digit zip code is accepted.

# Loop Makeup (Query)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

Loop Makeup (Query)												
No.	Field	Data Description		Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions		
43	WTN	Service Address Telephone Number		10	N	Conditional		0,1		Identifies the service address telephone number.		
									<b>Usage Notes</b> Required if SASN, BSITE, AHN and ROUTE and BOX are not populated.			
									<b>Valid Entry Notes</b> 10 digit telephone number including NPANXXXXXX (no dashes)			

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress



## Loop Makeup (Response)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

This transaction returns the disposition of the pre-order Loop Make-Up. This transaction is sent only in response to an inquiry.

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
2	INQNUM	Inquiry Number	16	AN	Required		1,1		Identifies the tracking number to link the inquiry with the response.

### Field Notes

The INQNUM may be reused after a pre-determined time.

OBF

This field may be used for inquiry and response transactions.

OBF

3	D/TSENT	Date and Time Sent	15	AN	Required		1,1		
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Identifies the date and time the transaction is sent.

### Valid Entry Notes

Date includes century: CCYYMMDD

Time is military time: HHMM (SS).

4	TXTYP	Transaction Type	1	A	Optional		0,1		
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J=Loop Make-Up

Identifies the type of transaction.

### Valid Entry Notes

See Appendix 2.1 and 2.3 for all valid entries.

6	CC	Company Code	4	AN	Required		1,1		
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Identifies the Exchange Carrier generating the inquiry.

10a	AHN	Assigned House Number	8	AN	Conditional		0,1		
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Used for numeric designation when house number is not used/assigned or not known.

### Usage Notes

Returned when applicable to service address.

Prohibited for partial match.

10b	ROUTE	Route Number	6	AN	Optional		0,1		
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Identifies the route number of the service address.

### Usage Notes

Required when SANO, BSITE, WTN and AHN are not populated. Prohibited when SANO, BSITE or WTN is populated.

Prohibited for partial match.

## Loop Makeup (Response)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
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10c	BOX	Box Number	9	AN	Optional		0,1		
-----	-----	------------	---	----	----------	--	-----	--	--

Identifies the box number of the service address.

### Usage Notes

Required when ROUTE field is populated, otherwise prohibited.

Prohibited for partial match.

12	SANO	Service Address House Number	8	AN	Conditional		0,1		
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Identifies the house number of the service address.

### Usage Notes

Required if SASN is populated. AHN or AHN and BOX and ROUTE are required for all unnumbered addresses.

Prohibited for partial match.

13	SASF	Service Address House Number Suffix	5	AN	Conditional		0,1		
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Identifies the suffix for the house number of the service address.

### Usage Notes

Returned when applicable to service address.

Prohibited for partial match.

14	SASD	Service Address Street Directional	4	A	Conditional		0,1		
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N= North

OBF

S= South

OBF

E= East

OBF

W= West

OBF

NE= Northeast

OBF

NW= Northwest

OBF

SE= Southeast

OBF

SW= Southwest

OBF

Identifies the street directional for the service address.

### Usage Notes

Returned when applicable to service address.

Prohibited for partial match.

15	SASN	Service Address Street Name	*50	AN	Conditional		0,1		
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Identifies the street name of the service address.

### Usage Notes

Prohibited for partial match.

## Loop Makeup (Response)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
16	SATH	Service Address Street Thoroughfare	10	AN	Conditional		0,1		<p>Identifies the thoroughfare portion of the street name of the service address.</p> <p><b>Usage Notes</b></p> <p>Returned when applicable to service address. <input type="text"/></p> <p>Prohibited for partial match. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>See Appendix 2.5. <input type="text"/></p>

16a	CUSTUNITTYP	Unit Type	4	A	Conditional		0,1	<div>Unit <input type="text"/></div> <div>Rm <input type="text"/></div> <div>Apt <input type="text"/></div> <div>Lot <input type="text"/></div> <div>Slip <input type="text"/></div> <div>Suit <input type="text"/></div>	<p>This field provides the unit type value of the Building</p> <p><b>Usage Notes</b></p> <p>Returned when applicable to service address. <input type="text"/></p> <p>Prohibited for partial match. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>Customer Units such as unit, lot, room, suite, slip, and apartment. <input type="text"/></p> <p>See Appendix 2.7 <input type="text"/></p>
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16b	CUSTUNITVAL	Unit Information	10	AN	Conditional		0,1		<p>Further describes the unit type field. (e.g., 1A)</p> <p><b>Usage Notes</b></p> <p>Returned when applicable to service address. <input type="text"/></p> <p>Prohibited for partial match. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>See Appendix 2.6 <input type="text"/></p>
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16c	CUSTSTRTYP	Structure Type	4	A	Conditional		0,1	<div>Bldg <input type="text"/></div> <div>Wng <input type="text"/></div> <div>Pier <input type="text"/></div>	<p>Identifies the Structure Type of the End User Location.</p> <p><b>Usage Notes</b></p> <p>Returned when applicable to service address. <input type="text"/></p> <p>Prohibited for partial match. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>See Appendix 2.9 <input type="text"/></p>
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## Loop Makeup (Response)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
16d	CUSTSTRVAL	Structure Information	10	AN	Conditional		0,1		<p>Structure information field indicates the value of the Structure type, for example pier 4.</p> <p><b>Usage Notes</b></p> <p>Returned when applicable to service address. <input type="text"/></p> <p>Prohibited for partial match. <input type="text"/></p>

17	SASS	Service Address Street Suffix	4	A	Conditional		0,1	<p>N=North <input type="text"/> OBF <input type="text"/></p> <p>S=South <input type="text"/> OBF <input type="text"/></p> <p>E=East <input type="text"/> OBF <input type="text"/></p> <p>W=West <input type="text"/> OBF <input type="text"/></p> <p>NE=Northeast <input type="text"/> OBF <input type="text"/></p> <p>NW=Northwest <input type="text"/> OBF <input type="text"/></p> <p>SE=Southeast <input type="text"/> OBF <input type="text"/></p> <p>SW=Southwest <input type="text"/> OBF <input type="text"/></p>	<p>Identifies the suffix of the street service address.</p> <p><b>Usage Notes</b></p> <p>Returned when applicable to service address. <input type="text"/></p> <p>Prohibited for partial match. <input type="text"/></p>
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19a	BSITE	Business Site Name	60	AN	Conditional		0,1		<p>Identifies a Business Site Name.</p> <p><b>Usage Notes</b></p> <p>Returned when applicable to service address. <input type="text"/></p> <p>Prohibited for partial match. <input type="text"/></p>
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20	FLOOR	Elevation	10	AN	Conditional		0,1		<p>Identifies the floor number within the building of the street address.</p> <p><b>Usage Notes</b></p> <p>Returned when applicable to service address. <input type="text"/></p> <p>Prohibited for partial match. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>See Appendix 2.8. <input type="text"/></p>
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22	SALOC	Service Address Locality	32	AN	Conditional		0,1		<p>Identifies the city or community where the service is located.</p> <p><b>Usage Notes</b></p> <p>Prohibited for partial match. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>See Appendix 2.10. <input type="text"/></p>
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# Loop Makeup (Response)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
23	SAST	Service Address State/Province	2	A	Required		1,1	<div>NJ</div> <div>VA</div> <div>DC</div> <div>PA</div> <div>WV</div> <div>DE</div> <div>MD</div> <div>CT</div> <div>NY</div> <div>MA</div> <div>ME</div> <div>NH</div> <div>VT</div> <div>RI</div>	Identifies the two character postal code for the state/province of the end user location. <b>Usage Notes</b> Prohibited for partial match.

24	SAZC	Service Address Zip Code	12	AN	Conditional		0,1
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Identifies the zip code or postal code of the end user service location.

## Usage Notes

Returned when applicable to service address.

Prohibited for partial match.

## Valid Entry Notes

5 digit zip code is accepted.

25i	WC	Wire Center	25	AN	Conditional		0,1
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Identifies the Bell Atlantic Wire Center designation.

## Field Notes

If query by WTN, field will come back once.

If query by Service Address, field may return multiple times.

## Usage Notes

Optional when MLT field is not populated.

## Loop Makeup (Response)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
25i	LMUST	Loop Make Up Status	1	A	Conditional		0,1	A=Insufficient loop length data available. <input type="text"/>	<p>Identifies that there is insufficient loop length information available to support the Loop Make Up request.</p> <p><b>Field Notes</b></p> <p>If query by WTN, field will come back once. <input type="text"/></p> <p>If query by service address, field may return multiple times.</p> <p><b>Usage Notes</b></p> <p>Optional when MLT field is not populated. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>A value of "A" indicates that the address or working telephone provided is valid, but sufficient Loop length data is not available for that location. <input type="text"/></p>

46	LST	Local Service Termination	*8	AN	Conditional		0,1		
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Identifies the CLLI code of the end office switch from which service is being provided.

**Usage Notes**

Required when MLT field is not populated.

46a	PGPRES	Pair Gain/DLC Presence	1	A	Conditional		0,1		
-----	--------	------------------------	---	---	-------------	--	-----	--	--

Y=Yes

N=No

Identifies the presence of Pair Gain/Digital Loop Carrier (DLC) on the loop.

**Field Notes**

Pair Gain may represent either Analog Loop Carrier or Digital Loop Carrier.

If query by WTN, field will come back once.

If query by service address, field may return multiple times.

**Usage Notes**

Optional when MLT field is not populated.

46b	SYSTYPE	System Type	20	AN	Conditional		0,1		
-----	---------	-------------	----	----	-------------	--	-----	--	--

Identifies the type of Pair Gain on the loop.

**Field Notes**

If query by WTN, field will come back once.

If query by service address, field may return multiple times.

**Usage Notes**

Optional when MLT field is not populated.

## Loop Makeup (Response)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
46c	RTLST	Remote Terminal Local Service Termination	11	AN	Conditional		0,1		<p>Identifies the CLLI code of remote terminal address.</p> <p><b>Field Notes</b></p> <p>If query by WTN, field will come back once. <input type="text"/></p> <p>If query by service address, field may return multiple times.</p> <p><b>Usage Notes</b></p> <p>Optional when MLT field is not populated. <input type="text"/></p>
46d	DSSCP	DSSC Presence	1	A	Conditional		0,1	<p>Y=Yes <input type="text"/></p> <p>N=No <input type="text"/></p>	<p>Identifies the presence of Digital Single Subscriber Carrier (DSSC) on the loop.</p> <p><b>Field Notes</b></p> <p>If query by WTN, field will come back once. <input type="text"/></p> <p>If query by service address, field may return multiple times.</p> <p><b>Usage Notes</b></p> <p>Optional when MLT field is not populated. <input type="text"/></p>
46e	LLT	Loop Length Type	1	A	Conditional		0,1	A=Actual <input type="text"/>	<p>Identifies the process used to determine the loop length.</p> <p><b>Usage Notes</b></p> <p>Optional when MLT field is not populated. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>A valid entry of "A" indicates a determination has been made by the provider that approximates the actual length of the loop by adding the loop length segments. <input type="text"/></p> <p>If query by WTN, field will come back once. <input type="text"/></p> <p>If query by service address, field may return multiple times.</p>

# Loop Makeup (Response)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
46f	F1SEGLLG	F1 Segment Loop Length By Gauge	14	AN	Conditional		0,N		<p>Identifies the F1 segment loop length by gauge.</p> <p><b>Field Notes</b></p> <p>Actual or electrical length information may be provided when available. <input type="text"/></p> <p>If query by WTN, field will come back once. <input type="text"/></p> <p>If query by service address, field may return multiple times. <input type="text"/></p> <p>Pair Gain (PG) loop lengths may represent dummy values to compensate for assignment system limitations and should not be used to calculate distance from the remote terminal or central office. <input type="text"/></p> <p><b>Usage Notes</b></p> <p>Optional when MLT field is not populated. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>1st and 2nd characters will always equal Gauge codes (i.e. 19, 22, 24, 26) <input type="text"/></p> <p>3rd character will always equal "G", which is used as a delimiter. <input type="text"/></p> <p>4th - 14th characters will equal length = kft. <input type="text"/></p> <p>Example 19G5.5kft</p>

46g	F2SEGLLG	F2 Segment Loop Length By Gauge	14	AN	Conditional		0,N
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<p>Identifies the F2 segment loop length by gauge.</p> <p><b>Field Notes</b></p> <p>Actual or electrical length information may be provided when available. <input type="text"/></p> <p>If query by WTN, field will come back once. <input type="text"/></p> <p>If query by service address, field may return multiple times. <input type="text"/></p> <p>Pair Gain (PG) loop lengths may represent dummy values to compensate for assignment system limitations and should not be used to calculate distance from the remote terminal or central office. <input type="text"/></p> <p><b>Usage Notes</b></p> <p>Optional when MLT field is not populated. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>1st and 2nd characters will always equal Gauge codes (i.e. 19, 22, 24, 26) <input type="text"/></p> <p>3rd character will always equal "G", which is used as a delimiter. <input type="text"/></p> <p>4th - 14th characters will equal length = kft. <input type="text"/></p> <p>Example 19G5.5kft</p>
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## Loop Makeup (Response)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
46h	F3SEGLLG	F3 Segment Loop Length By Gauge	14	AN	Conditional		0,N		<p>Identifies the F3 segment loop length by gauge.</p> <p><b>Field Notes</b></p> <p>Actual or electrical length information may be provided when available. <input type="text"/></p> <p>If query by WTN, field will come back once. <input type="text"/></p> <p>If query by service address, field may return multiple times. <input type="text"/></p> <p>Pair Gain (PG) loop lengths may represent dummy values to compensate for assignment system limitations and should not be used to calculate distance from the remote terminal or central office. <input type="text"/></p> <p><b>Usage Notes</b></p> <p>Optional when MLT field is not populated. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>1st and 2nd characters will always equal Gauge codes (i.e. 19, 22, 24, 26) <input type="text"/></p> <p>3rd character will always equal "G", which is used as a delimiter. <input type="text"/></p> <p>4th - 14th characters will equal length = kft. Example 19G5.5kft <input type="text"/></p>

46i	F4SEGLLG	F4 Segment Loop Length By Gauge	14	AN	Conditional		0,N	
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<p>Identifies the F4 segment loop length by gauge.</p> <p><b>Field Notes</b></p> <p>Actual or electrical length information may be provided when available. <input type="text"/></p> <p>If query by WTN, field will come back once. <input type="text"/></p> <p>If query by service address, field may return multiple times. <input type="text"/></p> <p>Pair Gain (PG) loop lengths may represent dummy values to compensate for assignment system limitations and should not be used to calculate distance from the remote terminal or central office. <input type="text"/></p> <p><b>Usage Notes</b></p> <p>Optional when MLT field is not populated. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>1st and 2nd characters will always equal Gauge codes (i.e. 19, 22, 24, 26) <input type="text"/></p> <p>3rd character will always equal "G", which is used as a delimiter. <input type="text"/></p> <p>4th - 14th characters will equal length = kft. Example 19G5.5kft <input type="text"/></p>
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## Loop Makeup (Response)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
46j	LCQ	Load Coil Quantity	1	N	Conditional		0,1		<p>Identifies the quantity of load coils present on the loop from the end user location to the wire center.</p> <p><b>Field Notes</b></p> <p>Actual load coil information may be provided when available. <input type="text"/></p> <p>If query by WTN, field will come back once. <input type="text"/></p> <p>If query by service address, field may return multiple times.</p> <p><b>Usage Notes</b></p> <p>Optional when MLT field is not populated. <input type="text"/></p>

46k	LCT	Load Coil Type	5	AN	Conditional		0,1	
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<p>Identifies the type of load coil(s) present on the loop.</p> <p><b>Field Notes</b></p> <p>If query by WTN, field will come back once. <input type="text"/></p> <p>If query by service address, field may return multiple times.</p> <p><b>Usage Notes</b></p> <p>Optional when MLT field is not populated. <input type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>Values for Load Coil Spacing and Load Coil Inductance Codes are outlined in Telecordia Technologies practice BR 795-450-201. <input type="text"/></p>
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46l	LCL	Load Coil Location	11	AN	Conditional		0,9	
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<p>Identifies the location/spacing of load coils on the loop from wire center to the end user location.</p> <p><b>Field Notes</b></p> <p>Actual load coil information may be provided when available. <input type="text"/></p> <p>If query by WTN, field will come back once. <input type="text"/></p> <p>If query by service address, field may return multiple times.</p> <p>Measurements will always be provided in kilofeet (kft). <input type="text"/></p> <p><b>Usage Notes</b></p> <p>Optional when MLT field is not populated. <input type="text"/></p>
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<b>Loop Makeup (Response)</b>	Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress
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No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
46m	BTL	Bridge Tap Location	11	AN	Conditional		0,9		<p>Identifies the location of bridge tap on the loop from the wire center to the end user location.</p> <p><b>Field Notes</b></p> <p>Actual bridge tap information may be provided when available. <input style="width: 40px;" type="text"/></p> <p>If query by WTN, field will come back once. <input style="width: 40px;" type="text"/></p> <p>If query by service address, field may return multiple times. <input style="width: 40px;" type="text"/></p> <p>Measurements will always be provided in kilofeet (kft). <input style="width: 40px;" type="text"/></p>

46n	BTLEN	Bridge Tap Length	14	AN	Conditional		0,9		<p>Identifies the length of bridge tap associated with the loop from the wire center to the end user location.</p> <p><b>Field Notes</b></p> <p>Actual bridge tap information may be provided when available. <input style="width: 40px;" type="text"/></p> <p>If query by WTN, field will come back once. <input style="width: 40px;" type="text"/></p> <p>If query by service address, field may return multiple times. <input style="width: 40px;" type="text"/></p> <p>Measurements will always be provided in kilofeet (kft). <input style="width: 40px;" type="text"/></p> <p><b>Valid Entry Notes</b></p> <p>1st and 2nd characters will always equal Gauge codes (i.e. 19, 22, 24, 26) <input style="width: 40px;" type="text"/></p> <p>3rd character will always equal "G", which is used as a delimiter. <input style="width: 40px;" type="text"/></p> <p>4th - 14th characters will equal length = kft. Example 19G5.5kft <input style="width: 40px;" type="text"/></p>
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## Loop Makeup (Response)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
46o	F1LPCP	F1 Loop Composition	1	A	Conditional		0,1	C=Copper <input type="text"/> <input type="text"/> P=Pair Gain <input type="text"/> <input type="text"/>	Identifies the composition of the F1 loop segment. <b>Field Notes</b> For loops with multiple composition segments only the first four segments are identified using fields F1LPCP, F2LPCP, F3LPCP and F4LPCP. <input type="text"/> <input type="text"/> If query by WTN, field will come back once. <input type="text"/> <input type="text"/> If query by service address, field may return multiple times. Pair Gain (PG) pairs are derived from Remote Terminals which may be fed by either copper T1 circuits or fiber T1 circuits. The loop segments for these copper or fiber T1 circuits are not part of an individual Loop Make Up. If this information is required, please submit an Engineering Query. <input type="text"/> <input type="text"/> <b>Usage Notes</b> Optional when MLT field is not populated. <input type="text"/> <input type="text"/>

46p	F2LPCP	F2 Loop Composition	1	A	Conditional		0,1	C=Copper <input type="text"/> <input type="text"/> P=Pair Gain <input type="text"/> <input type="text"/>	Identifies the composition of the F2 loop segment. <b>Field Notes</b> For loops with multiple composition segments only the first four segments are identified using fields F1LPCP, F2LPCP, F3LPCP and F4LPCP. <input type="text"/> <input type="text"/> If query by WTN, field will come back once. <input type="text"/> <input type="text"/> If query by service address, field may return multiple times. Pair Gain (PG) pairs are derived from Remote Terminals which may be fed by either copper T1 circuits or fiber T1 circuits. The loop segments for these copper or fiber T1 circuits are not part of an individual Loop Make Up. If this information is required, please submit an Engineering Query. <input type="text"/> <input type="text"/> <b>Usage Notes</b> Optional when MLT field is not populated. <input type="text"/> <input type="text"/>
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## Loop Makeup (Response)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
46q	F3LPCP	F3 Loop Composition	1	A	Conditional		0,1	P=Pair Gain <input type="text"/> <input type="text"/> C=Copper <input type="text"/> <input type="text"/>	Identifies the composition of the F3 loop segment. <b>Field Notes</b> For loops with multiple composition segments only the first four segments are identified using fields F1LPCP, F2LPCP, F3LPCP and F4LPCP. <input type="text"/> <input type="text"/> If query by WTN, field will come back once. <input type="text"/> <input type="text"/> If query by service address, field may return multiple times. <input type="text"/> <input type="text"/> Pair Gain (PG) pairs are derived from Remote Terminals which may be fed by either copper T1 circuits or fiber T1 circuits. The loop segments for these copper or fiber T1 circuits are not part of an individual Loop Make Up. If this information is required, please submit an Engineering Query. <input type="text"/> <input type="text"/> <b>Usage Notes</b> Optional when MLT field is not populated. <input type="text"/> <input type="text"/>

46r	F4LPCP	F4 Loop Composition	1	A	Conditional		0,1	P=Pair Gain <input type="text"/> <input type="text"/> C=Copper <input type="text"/> <input type="text"/>	Identifies the composition of the F4 loop segment. <b>Field Notes</b> For loops with multiple composition segments only the first four segments are identified using fields F1LPCP, F2LPCP, F3LPCP and F4LPCP. <input type="text"/> <input type="text"/> If query by WTN, field will come back once. <input type="text"/> <input type="text"/> If query by service address, field may return multiple times. <input type="text"/> <input type="text"/> Pair Gain (PG) pairs are derived from Remote Terminals which may be fed by either copper T1 circuits or fiber T1 circuits. The loop segments for these copper or fiber T1 circuits are not part of an individual Loop Make Up. If this information is required, please submit an Engineering Query. <input type="text"/> <input type="text"/> <b>Usage Notes</b> Optional when MLT field is not populated. <input type="text"/> <input type="text"/>
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## Loop Makeup (Response)

Release: LSOG 4.0/V4.8 = Pending - TIS Work in Progress

No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
46s	RSUIND	Remote Switch Unit Indicator	1	A	Conditional		0,1	Y=Yes N=No	Identifies that the loop originates from a Remote Switch Unit.  <b>Field Notes</b> If query by WTN, field will come back once. If query by service address, field may return multiple times.  <b>Usage Notes</b> Optional when MLT field is not populated.

46t	MLT	Multi-Line Text	81	AN	Conditional		0,1
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Identifies the multi-line text returned.
<b>Field Notes</b>
For this transaction, this field will return a list of alternate addresses when a partial match is found.
Up to 10,000 rows can occur within this field. Each row is 81 characters across.

99a	ERRCODE	Error Code	8	AN	Conditional		0,N
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Identifies the code associated with the error condition.
<b>Field Notes</b>
See Error Code Document on Bell Atlantic TIS website if applicable error applies. The occurrence of error fields overrides the return of other fields stated in the response.
<b>Valid Entry Notes</b>
See Appendix 2.15.

99b	REMARKS	Remarks	250	AN	Conditional		0,N
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The English description associated with the error code.
<b>Field Notes</b>
Returned with error explanation or other non error related supplemental data. The occurrence of Error Fields overrides the return of other fields stated in the response message.
<b>Valid Entry Notes</b>
See Appendix 2.15.

Examples of Rhode Island Residential Phone Numbers with Segment Loop Length with Gauge field  
Populated

New Transaction - Netscape

## Loop Make Up Data Inquiry (LSOG4)

for RI

◀ - Required ▶ - Conditional ▶ - Optional

◀	Type of Service	Residential
▶	Assigned House Number	
▶	Route Number	
▶	Box Number	
▶	Service Address House Number	
▶	Service Address House Number Suffix	
▶	Service Address Street Directional	Not Selected
▶	Service Address Street Name	
▶	Service Address Thoroughfare	

Examples of Rhode Island Residential Phone Numbers with Segment Loop Length with Gauge field  
Populated

**New Transaction - Netscape**

▶ <u>Service Address</u> <u>Street Suffix</u>	Not Selected ▼
▶ <u>Unit Type</u>	Not Selected ▼
▶ <u>Unit Information</u>	
▶ <u>Structure Type</u>	
▶ <u>Structure</u> <u>Information</u>	
▶ <u>Business Site</u> <u>Name</u>	
▶ <u>Elevation</u>	
▶ <u>Service Address</u> <u>Locality</u>	
◆ <u>Service Address</u> <u>State / Province</u>	Rhode Island ▼
▶ <u>Service Address</u> <u>Zip Code</u>	
▶ <u>Service Address</u> <u>Telephone Number</u>	401 - 949 -

Submit and View    Submit and View Later    Cancel



Examples of Rhode Island Residential Phone Numbers with Segment Loop Length with Gauge field  
Populated

View Response - Netscape

### Loop Make Up - Response (LSOG4)

#### Administration Table (LSOG4)

<u>Date/Time Received</u>	20020108024515
<u>Message ID</u>	WEB0414RI273525060Z01
<u>Service Address State/Province</u>	RI
<u>Company Code</u>	ZBEL
<u>Type Of Service</u>	2---
<u>Customer Type</u>	C

#### Loop Make Up Message

<u>Local Service Termination</u>	GLCSRIWG
<u>Pair Gain Presence</u>	N
<u>System Type</u>	
<u>Remote Terminal Local Service Termination</u>	
<u>DSSC Presence</u>	N
<u>F1 Segment Loop Length By Gauge</u>	24G1.20 kft;26G5.70 kft;19G0.50 kft;24G0.30 kft;22G1.30 kft;24G0.30 kft
<u>Loop Length Type</u>	A
<u>Load Coil Quantity</u>	0
<u>Load Coil Type</u>	

Examples of Rhode Island Residential Phone Numbers with Segment Loop Length with Gauge field  
Populated

View Response - Netscape	
<u>Bridge Tap Location</u>	9.00 kft
<u>Bridge Tap Length</u>	22G.03 kft
<u>F1 Loop Composition</u>	C
<u>F2 Loop Composition</u>	
<u>F3 Loop Composition</u>	
<u>F4 Loop Composition</u>	
<u>Wire Center</u>	GLOUCESTER
<u>Loop Makeup Status</u>	
<u>Remote Switch Unit Indicator</u>	N
<b>Address Information</b>	
<u>House Number</u>	
<u>Street Name</u>	
<u>Thorough Fare</u>	
<u>Unit Type</u>	
<u>Unit Information</u>	
<u>Locality</u>	SFLD
<u>State</u>	RI
<u>Zip Code</u>	02828

Examples of Rhode Island Residential Phone Numbers with Segment Loop Length with Gauge field  
Populated

New Transaction - Netscape

## Loop Make Up Data Inquiry (LSOG4)

for RI

◆ - Required    ▶ - Conditional    ◆ - Optional

◆	Type of Service	Residential
▶	Assigned House Number	
▶	Route Number	
▶	Box Number	
▶	Service Address House Number	
▶	Service Address House Number Suffix	
▶	Service Address Street Directional	Not Selected
▶	Service Address Street Name	
▶	Service Address Thoroughfare	

Examples of Rhode Island Residential Phone Numbers with Segment Loop Length with Gauge field  
Populated

**New Transaction - Netscape**

▶ <u>Service Address</u> <u>Street Suffix</u>	Not Selected ▼
▶ <u>Unit Type</u>	Not Selected ▼
▶ <u>Unit Information</u>	
▶ <u>Structure Type</u>	
▶ <u>Structure</u> <u>Information</u>	
▶ <u>Business Site</u> <u>Name</u>	
▶ <u>Elevation</u>	
▶ <u>Service Address</u> <u>Locality</u>	
▶ <u>Service Address</u> <u>State / Province</u>	Rhode Island ▼
▶ <u>Service Address</u> <u>Zip Code</u>	
▶ <u>Service Address</u> <u>Telephone Number</u>	401 - 949 -

Submit and View    Submit and View Later    Cancel

Examples of Rhode Island Residential Phone Numbers with Segment Loop Length with Gauge field  
Populated

View Response - Netscape

### Loop Make Up - Response (LSOG4)

#### Administration Table (LSOG4)

<u>Date/Time Received</u>	20020108024719
<u>Message ID</u>	WEB0424RI273526060Z01
<u>Service Address State/Province</u>	RI
<u>Company Code</u>	ZBEL
<u>Type Of Service</u>	2---
<u>Customer Type</u>	C

#### Loop Make Up Message

<u>Local Service Termination</u>	GLCSRIWG
<u>Pair Gain Presence</u>	N
<u>System Type</u>	
<u>Remote Terminal Local Service Termination</u>	
<u>DSSC Presence</u>	N
<u>F1 Segment Loop Length By Gauge</u>	24G1.20 kft;26G0.20 kft;24G0.30 kft;26G0.40 kft
<u>Loop Length Type</u>	A
<u>Load Coil Quantity</u>	0

Examples of Rhode Island Residential Phone Numbers with Segment Loop Length with Gauge field  
Populated

View Response - Netscape	
<u>Load Coil Type</u>	
<u>F1 Loop Composition</u>	C
<u>F2 Loop Composition</u>	
<u>F3 Loop Composition</u>	
<u>F4 Loop Composition</u>	
<u>Wire Center</u>	GLOUCESTER
<u>Loop Makeup Status</u>	
<u>Remote Switch Unit Indicator</u>	N
<b>Address Information</b>	
<u>House Number</u>	
<u>Street Name</u>	
<u>Thorough Fare</u>	
<u>Locality</u>	GLOC
<u>State</u>	RI
<u>Zip Code</u>	02814